

#14

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/480,472ADATE: 06/28/96  
TIME: 11:53:07

INPUT SET: S11328.raw

This Raw Listing contains the General  
Information Section and up to the first 5 pages.

SEQUENCE LISTING

ENTERED

## (1) General Information:

(i) APPLICANT: Sherrol H. McDonough  
Daniel L. Kacian  
Nanibhushan Dattagupta  
Diane L. McAllister  
Philip Hammond  
Thomas B. Ryder

(ii) TITLE OF INVENTION: NUCLEIC ACID SEQUENCE  
AMPLIFICATION

(iii) NUMBER OF SEQUENCES: 23

## (iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Lyon & Lyon  
(B) STREET: 633 West Fifth Street  
Suite 4700  
(C) CITY: Los Angeles  
(D) STATE: California  
(E) COUNTRY: U.S.A.  
(F) ZIP: 90071-2066

## (v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
storage  
(B) COMPUTER: IBM Compatible  
(C) OPERATING SYSTEM: IBM P.C. DOS 5.0  
(D) SOFTWARE: Word Perfect 5.1

## (vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: 08/480,472  
(B) FILING DATE: June 6, 1995  
(C) CLASSIFICATION:

## (vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: 08/345,861  
(B) FILING DATE: November 28, 1994

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/480,472ADATE: 06/28/96  
TIME: 11:53:11

INPUT SET: S11328.raw

47 (A) APPLICATION NUMBER: 07/925,405  
48 (B) FILING DATE: August 4, 1992  
49  
50 (A) APPLICATION NUMBER: 07/855,732  
51 (B) FILING DATE: March 19, 1992  
52  
53 (A) APPLICATION NUMBER: 07/550,837  
54 (B) FILING DATE: July 10, 1990  
55  
56 (A) APPLICATION NUMBER: 07/379,501  
57 (B) FILING DATE: July 11, 1989  
58  
59 (viii) ATTORNEY/AGENT INFORMATION:  
60  
61 (A) NAME: Heber, Sheldon O.  
62 (B) REGISTRATION NUMBER: 38,179  
63 (C) REFERENCE/DOCKET NUMBER: 213/066  
64  
65  
66 (ix) TELECOMMUNICATION INFORMATION:  
67  
68 (A) TELEPHONE: (213) 489-1600  
69 (B) TELEFAX: (213) 955-0440  
70 (C) TELEX: 67-3510  
71  
72  
73 (2) INFORMATION FOR SEQ ID NO: 1:  
74  
75 (i) SEQUENCE CHARACTERISTICS:  
76  
77 (A) LENGTH: 55 base pairs  
78 (B) TYPE: nucleic acid  
79 (C) STRANDEDNESS: single  
80 (D) TOPOLOGY: linear  
81  
82 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
83  
84 GAAATTAATA CGACTCACTA TAGGGAGACC ACAGCCGTCA CCCCACCAAC 50  
85 AAGCT 55  
86  
87  
88 (2) INFORMATION FOR SEQ ID NO: 2:  
89  
90 (i) SEQUENCE CHARACTERISTICS:  
91  
92 (A) LENGTH: 31 base pairs  
93 (B) TYPE: nucleic acid  
94 (C) STRANDEDNESS: single  
95 (D) TOPOLOGY: linear  
96  
97 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
98  
99 GGGATAAGCC TGGGAAACTG GGTCTAATAC C 31

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/480,472ADATE: 06/28/96  
TIME: 11:53:14

INPUT SET: S11328.raw

100

101

102 (2) INFORMATION FOR SEQ ID NO: 3:

103

104 (i) SEQUENCE CHARACTERISTICS:

105

106 (A) LENGTH: 24 base pairs

107 (B) TYPE: nucleic acid

108 (C) STRANDEDNESS: single

109 (D) TOPOLOGY: linear

110

111 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

112

113 GTCTTGTGGT GGAAAGCGCT TTAG

24

114

115

116

117

118

119

120

121 (2) INFORMATION FOR SEQ ID NO: 4:

122

123 (i) SEQUENCE CHARACTERISTICS:

124

125 (A) LENGTH: 23 base pairs

126 (B) TYPE: nucleic acid

127 (C) STRANDEDNESS: single

128 (D) TOPOLOGY: linear

129

130 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

131

132 CCGGATAGGA CCACGGGATG CAT

23

133

134

135 (2) INFORMATION FOR SEQ ID NO: 5:

136

137 (i) SEQUENCE CHARACTERISTICS:

138

139 (A) LENGTH: 20 base pairs

140 (B) TYPE: nucleic acid

141 (C) STRANDEDNESS: single

142 (D) TOPOLOGY: linear

143

144 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

145

146 CGGTGTGGGA TGACCCCGCG

20

147

148

149 (2) INFORMATION FOR SEQ ID NO: 6:

150

151 (i) SEQUENCE CHARACTERISTICS:

152

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/480,472ADATE: 06/28/96  
TIME: 11:53:17

INPUT SET: S11328.raw

153 (A) LENGTH: 47 base pairs  
154 (B) TYPE: nucleic acid  
155 (C) STRANDEDNESS: single  
156 (D) TOPOLOGY: linear  
157  
158 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 6:  
159  
160 AATTTAATAC GACTCACTAT AGGGAGACCA GGCCACTTCC GCTAACC 47  
161  
162  
163 (2) INFORMATION FOR SEQ ID NO: 7:  
164  
165 (i) SEQUENCE CHARACTERISTICS:  
166  
167 (A) LENGTH: 24 base pairs  
168 (B) TYPE: nucleic acid  
169 (C) STRANDEDNESS: single  
170 (D) TOPOLOGY: linear  
171  
172 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 7:  
173  
174 CGCGGAACAG GCTAAACCGC ACGC 24  
175  
176  
177 (2) INFORMATION FOR SEQ ID NO: 8:  
178  
179 (i) SEQUENCE CHARACTERISTICS:  
180  
181 (A) LENGTH: 23 base pairs  
182 (B) TYPE: nucleic acid  
183 (C) STRANDEDNESS: single  
184 (D) TOPOLOGY: linear  
185  
186 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 8:  
187  
188 GGAGGATATG TCTCAGCGCT ACC 23  
189  
190  
191 (2) INFORMATION FOR SEQ ID NO: 9:  
192  
193 (i) SEQUENCE CHARACTERISTICS:  
194  
195 (A) LENGTH: 38 base pairs  
196 (B) TYPE: nucleic acid  
197 (C) STRANDEDNESS: single  
198 (D) TOPOLOGY: linear  
199  
200 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 9:  
201  
202 CGGCTGAGAG GCAGTACAGA AAGTGTCGTG GTTAGCGG 38  
203  
204  
205 (2) INFORMATION FOR SEQ ID NO: 10:

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/480,472ADATE: 06/28/96  
TIME: 11:53:21

INPUT SET: S11328.raw

206  
207 (i) SEQUENCE CHARACTERISTICS:  
208  
209 (A) LENGTH: 36 base pairs  
210 (B) TYPE: nucleic acid  
211 (C) STRANDEDNESS: single  
212 (D) TOPOLOGY: linear  
213  
214 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 10:  
215  
216 GGGTAACCGG GTAGGGGTTG TGTGTGCGGG GTTGTG 36  
217  
218  
219 (2) INFORMATION FOR SEQ ID NO: 11:  
220  
221 (i) SEQUENCE CHARACTERISTICS:  
222  
223 (A) LENGTH: 28 base pairs  
224 (B) TYPE: nucleic acid  
225 (C) STRANDEDNESS: single  
226 (D) TOPOLOGY: linear  
227  
228 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 11:  
229  
230 ATAATCCACC TATCCCAGTA GGAGAAAT 28  
231  
232  
233 (2) INFORMATION FOR SEQ ID NO: 12:  
234  
235 (i) SEQUENCE CHARACTERISTICS:  
236  
237 (A) LENGTH: 55 base pairs  
238 (B) TYPE: nucleic acid  
239 (C) STRANDEDNESS: single  
240 (D) TOPOLOGY: linear  
241  
242 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 12:  
243  
244 AATTTAATAC GACTCACTAT AGGGAGACCA CACCTTGTCT TATGTCCAGA 50  
245 ATGCT 55  
246  
247  
248 (2) INFORMATION FOR SEQ ID NO: 13:  
249  
250 (i) SEQUENCE CHARACTERISTICS:  
251  
252 (A) LENGTH: 30 base pairs  
253 (B) TYPE: nucleic acid  
254 (C) STRANDEDNESS: single  
255 (D) TOPOLOGY: linear  
256  
257 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 13:  
258

PAGE: 1

**SEQUENCE VERIFICATION REPORT**  
**PATENT APPLICATION US/08/480,472A**

DATE: 06/28/96  
TIME: 11:53:24

***INPUT SET: S11328.raw***

Line

Error

Original Text